IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Sreekumar K. SESHADRI	Art Unit: 2174
Appl. No.: 10/709,791	Examiner: KE, PENG
Date Filed: 05/28/2004	Atty. Docket: ORCL-004/OID-2003-265-01
For: For Enabling a User to Have a Custom Desired Experience While Accessing an Electronic File	

Appeal Brief Under 37 CFR § 41.37

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Sir:

Further to the Notice of Appeal filed on 10-Mar-2009, Appellants submit this appeal brief under 37 CFR § 41.37.

It is not believed that extensions of time or fees for net addition of claims are required, beyond those which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, then such extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Deposit Account No.: 20-0674.

As required by 37 C.F.R. § 41.37, this brief contains items under the following headings:

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I. REAL PARTY IN INTEREST

This application is assigned to Oracle International Corporation, by virtue of the assignment recorded on 05/28/2004 at Reel/Frame: 014666/0402 at the USPTO.

II. RELATED APPEALS AND INTERFERENCES

5   None

III. STATUS OF CLAIMS

A. TOTAL NUMBER OF CLAIMS IN THE APPLICATION

There are 23 claims currently pending in the application. Claims 1, 10, 14, and 29

10   are independent claims.

B. STATUS OF ALL CLAIMS

Claims canceled: 5, 11, 23-26, and 28

Claims withdrawn: None

15   Claims pending: 1-4, 6-10, 12-22, 27, 29 and 30

Claims allowed: None

Claims objected to: None

Claims rejected: 1-4, 6-10, 12-22, 27, 29 and 30

20 C. CLAIMS ON APPEAL

All the rejected claims 1-4, 6-10, 12-22, 27, 29 and 30 are subject of this appeal.

IV. STATUS OF AMENDMENTS

After the Final Office Action mailed on 12/10/2008, the Appellants had filed a

25   request for reconsideration under 37 CFR § 1.116 dated 02/10/2009, which is believed to have been entered by the Examiner as indicated in the Advisory Action dated 03/05/2009.

V. SUMMARY OF CLAIMED SUBJECT MATTER

The present invention is directed to enabling a user to have a custom desired experience while accessing an electronic file. The user may wish to have different default attributes for different files opened using the same application (paragraph 0007 of

5   the specification of the subject application). As an illustration, if background color is not specified internal to two files, the default background color would be different for the two files, which can be controlled by the user, in accordance with the present invention, as described below.

10   Figure 4 (reproduced below) of the specification of the subject patent application illustrates an example embodiment enabling a user to associate a custom experience profile and an electronic file, and the claims are summarized in reference to Figure 4.
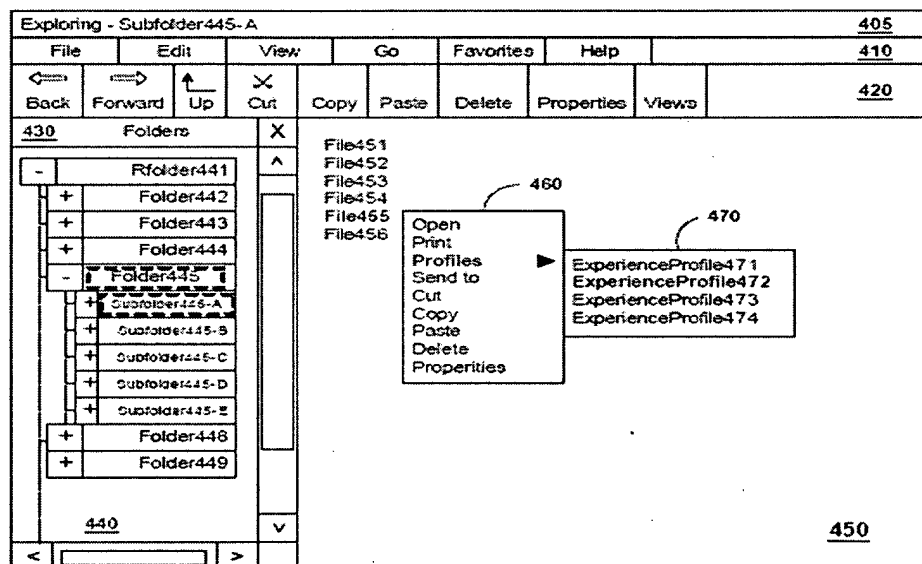

FIG. 4

15   Independent claim 1 relates to a method (Figure 2, paragraph 0029 of the specification) to enable a user to have a custom desired experience (paragraphs 0024, 0047 and 0048 of the specification) while accessing electronic files (paragraph 0004 of the specification) using an application (application blocks 510-A/510-B of Figure 5, paragraphs 0004, 0053 of the specification), wherein each electronic file stores content in

20   the form of corresponding data (paragraph 0004 of the specification). The method is

recited as being implemented and performed in a digital processing system (100 of Figure 1, paragraph 0021 of the specification).

Claim 1 recites that the digital processing system provides (step 220 of Figure 2, paragraph 0031 of the specification) the user the ability to specify a first experience profile ("ExperienceProfile472" of Figure 4) associated with a first electronic file ("File455" of Figure 4) and a second experience profile (such as "ExperienceProfile471", "ExperienceProfile473", etc. of Figure 4) associated with a second electronic file (such as "File451", "File452", etc. of Figure 4). The first and second experience profiles are provided external (paragraphs 0015 and 0030 of the specification) to the first and second electronic files. The first experience profile contains a first set of values (e.g., "Bold", "Flower", "low" in lines 310, 40 and 360 of Figure 3, paragraphs 0024, 0036-0038 of the specification) for a first set of experience attributes (e.g., "Appearance", "Shape", "Volume" in lines 310, 40 and 360 of Figure 3, paragraphs 0024, 0036-0038 of the specification), while the second experience profile contains a second set of values (similar to the first set of values shown in Figure 3) for a second set of experience attributes (similar to the first set of attributes shown in Figure 3).

The digital processing system stores a first entry indicating that the first experience profile is associated with the first electronic file and also a second entry indicating that the second experience profile is associated with the second electronic file (association block 560 of Figure 5, paragraph 0054 of the specification). Both of the first entry and the second entry are stored in a memory (association table 565 of Figure 5, paragraph 0054 of the specification, as amended in page 2 of the response filed on 08/29/2008), with the first entry being stored in response to the user specifying that the first experience profile is associated with the first electronic file and the second entry being stored in response to the user specifying that the second experience profile is associated with the second electronic file (step 220 of Figure 2, paragraphs 0031, 0054 of the specification).

The digital processing system then receives a first request to open the first electronic file and a second request to open the second electronic file (step 240 of Figure

2, paragraphs 0032, 0047, and 0055 of the specification). Both of the first and second requests are received after the storing of the first and second entries in the memory (paragraph 0047 of the specification).

5   In response to the first request, the digital processing system controls (step 260 of Figure 2, paragraph 0033 of the specification) the first set of experience attributes according to the first set of values based on the first entry in the memory while providing access to a substantial portion of the data (paragraph 0004 of the specification, as amended in page 2 of the response filed on 08/29/2008) stored in the first electronic file

10   using the application (see paragraph 0047 of the specification). In response to the second request, the digital processing system controls (step 260 of Figure 2, paragraph 0033 of the specification) the second set of experience attributes according to the second set of values based on the second entry in the memory while providing access to a substantial portion of the data stored in the second electronic file using the application (paragraph

15   004 of the specification).

Thus, by including the desired experience attributes in respective experience profiles and then associating the same experience profile with desired electronic files (Claims 2 an 3, as filed), a user may have a custom desired experience while accessing

20   each electronic file.

Independent claim 10 relates to a method of enabling a user to play desired songs while editing the content of corresponding files (paragraph 0048 of the specification). The user is enabled to specify (steps 210 and 220 of Figure 2, paragraphs 0030 and 0031

25   of the specification) an experience attribute (e.g., "Song" in line 360 of Figure 3, paragraph 0038 of the specification) associated with a first electronic file ("File455" of Figure 4) and a value for the experience attribute identifying another file containing data representing a song (e.g., "m:\mydir\songs\Track10" in line 360 of Figure 3, paragraph 0038 of the specification).

30

In response to receiving an input to open the first electronic file (step 240 of Figure 2, paragraphs 0032, 0047, and 0055 of the specification), the first electronic file is

opened using a word processing application (application blocks 510-A/510-B of Figure 5, paragraphs 0004, 0053 of the specification) to enable the user to edit a substantial portion of the data (paragraph 0004 of the specification, as amended in page 2 of the response filed on 08/29/2008) stored in the first electronic file while playing the song

5   also in response to receiving the input (paragraphs 0047 and 0055 of the specification). The song is played also in response to the user specifying the experience attribute associated with the electronic file while the user edits the data stored in the first electronic file using the word processing application (paragraphs 0047 and 0048 of the specification).

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Independent claim 14 relates to a computer readable medium (135, 136 and 140 of Figure 1, paragraphs 0025-0027 of the specification) storing one or more sequences of instructions causing a digital processing system (100 of Figure 1, paragraph 0021 of the specification) to enable a user to have a custom desired experience (paragraphs 0024,

15   0047 and 0048 of the specification) while accessing electronic files (paragraph 0004 of the specification) using an application (application blocks 510-A/510-B of Figure 5, paragraphs 0004, 0053 of the specification), wherein each electronic file stores content in the form of corresponding data (paragraph 0004 of the specification). The claim further recites that the digital processing system performs the actions due to the execution of the

20   one or more sequences of instructions by one or more processors (processing unit 110 in Figure 1, paragraph 0022 of the specification) contained in the digital processing system.

The digital processing system provides (step 220 of Figure 2, paragraph 0031 of the specification) the user the ability to specify a first experience profile

25   ("ExperienceProfile472" of Figure 4) associated with a first electronic file ("File455" of Figure 4) and a second experience profile (such as "ExperienceProfile471", "ExperienceProfile473", etc. of Figure 4) associated with a second electronic file (such as "File451", "File452", etc. of Figure 4). The first and second experience profiles are provided external (paragraphs 0015 and 0030 of the specification) to the first and second

30   electronic files. The first experience profile contains a first set of values (e.g., "Bold", "Flower", "low" in lines 310, 40 and 360 of Figure 3, paragraphs 0024, 0036-0038 of the specification) for a first set of experience attributes (e.g., "Appearance",

"Shape", "Volume" in lines 310, 40 and 360 of Figure 3, paragraphs 0024, 0036-0038 of the specification), while the second experience profile contains a second set of values (similar to the first set of values shown in Figure 3) for a second set of experience attributes (similar to the first set of attributes shown in Figure 3).

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The digital processing system then receives a first request to open the first electronic file and a second request to open the second electronic file (step 240 of Figure 2, paragraphs 0032, 0047, and 0055 of the specification). Both of the first and second requests are received after the user associates the first experience profile with the first

10   electronic file and the second experience profile with the second electronic file (paragraph 0047 of the specification).

In response to the first request, the digital processing system controls (step 260 of Figure 2, paragraph 0033 of the specification) the first set of experience attributes

15   according to the first set of values based on the first entry in the memory while providing access to a substantial portion (paragraph 0004 of the specification, as amended in page 2 of the response filed on 08/29/2008) of the data stored in the first electronic file using the application (see paragraph 0047 of the specification). In response to the second request, the digital processing system controls (step 260 of Figure 2, paragraph 0033 of the

20   specification) the second set of experience attributes according to the second set of values based on the second entry in the memory while providing access to a substantial portion of the data stored in the second electronic file using the application.

Independent claim 29 relates to a method of enabling a user to have a custom

25   desired experience (paragraphs 0024, 0047 and 0048 of the specification) while accessing the respective content in the form of corresponding data (paragraph 0004 of the specification) stored in electronic files (such as "File451", "File452", etc. of Figure 4) using an application (application blocks 510-A/510-B of Figure 5, paragraphs 0004, 0053 of the specification).

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For the convenience of the Honorable Board, it is noted that claim 29 operates to control an experience attribute in the hierarchy of operating system, application,

experience profile and document internal content, with increasing override order. That is, a default specified by an application overrides any default specified by the operating system, a value specified (for the experience attribute) by an experience profile (associated with a file) overrides any default specified by the application as well as the operating system, and a value specified within the content of the document overrides any value specified in the experience profile as well as the defaults specified for the application and the operating system.

Paragraph 0049 of the specification further provides an example of such override feature.

Claim 29 recites that the user is enabled to specify (step 220 of Figure 2, paragraph 0031 of the specification) a first experience profile ("ExperienceProfile472" of Figure 4) associated with a first electronic file ("File455" of Figure 4) where no experience profile is specified associated with a second electronic file (e.g., "File456" of Figure 4).

A first request to open the first electronic file using the application and a second request to open the second electronic file using the same application are then received (step 240 of Figure 2, paragraphs 0032, 0047, and 0055 of the specification). Both of the first and second requests are received after the user associates the first experience profile with the first electronic file (paragraph 0047 of the specification) and no experience profile is specified associated with the second electronic file.

In response to receiving the first request, the user is provided access to the data stored in the first electronic file and in response to receiving the second request the user is provided access to the data stored in the second electronic file. Such a feature is supported by paragraphs 0004 and 0047 of the specification of the subject application.

Claim 29 further recites that while providing access to the data stored in the second electronic file, a set of attributes (e.g., "Appearance", "Shape", "Volume" in lines 310, 40 and 360 of Figure 3, paragraphs 0024, 0036-0038 of the specification) are

controlled according to a second set of values, where each of the second set of values for a corresponding attribute (e.g. "Shape" of the cursor, paragraph 0049) is formed from a default value overridden by a value internal to the second electronic file for the same attribute if present within the second electronic file, where the default value is specified by at least one of the application (e.g. "flower") and an operating system (e.g. "star") executing the application. Such a feature is supported by paragraphs 0006 and 0049 of the specification.

Further, while providing access to the data stored in the first electronic file, the set of attributes is controlled according to a first set of values, where each of the first set of values for a corresponding attribute (e.g. "Shape" of the cursor, paragraph 0049) is formed from the default value (e.g. "star" or "flower") overridden by a value specified in the first experience profile (e.g. "mouse") for the same attribute if present within the first experience profile, which is further overridden by another value internal to the first electronic file for the same attribute if present within the first electronic file. Such a feature is supported by paragraph 0049 of the specification of the subject application.

Thus, a user may change/control the experience in accessing only some of the electronic files without having to change the content of these files, as well as without affecting the experience while accessing other files by appropriate use of the experience profiles provided according to various aspects of the present invention.

VI. GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

Claims 1-4, 6-10, 12-22, 27, 29 and 30 were rejected under 35 U.S.C. § 103(a) as being unpatentable over US Publication No. 2002/0149629 naming as inventors Craycroft *et al* (hereafter "Craycroft") in view of US Publication No. 2002/0101444 naming as inventors Novak *et al* (hereafter "Novak") and US Patent No. 5,596,702 issued to Stucka *et al* (hereafter "Stucka").

VII. THE ARGUMENT

The rejection of claims 1-4, 6-10, 12-22, 27, 29 and 30 under 35 U.S.C. § 103(a) as being unpatentable over Craycroft in view of Novak and Stucka, is in error and the Honorable Board is requested to overturn this rejection.

5

The Applicable Law, brief introduction to each of the references relied upon by the Examiner, and the arguments with respect to specific claims, are provided below in that order.

10   **VII.A. Brief Introduction to References**

VII.A.1 Brief Introduction to Craycroft

Craycroft relates to switching between appearance/behavior themes in graphical user interfaces. As described below in further detail, the disclosure there contemplates ability to change font type attributes that are applied to content of files, as well as the

15   appearance/behavior of other objects such as windows, cursors, menu. However, the Honourable Board's attention is directed to the fact that any change that affects the display of the data stored in one file would similarly affect the display of other files.

Figure 1 of Craycroft shows a desktop screen depicting various objects (e.g.

20   windows, menu, cursor, icons, active/inactive window, etc.), the appearance/behaviour of which can be changed in accordance with the disclosure in Craycroft. See paragraph 0006 of Craycroft.

Figures 2A and 2B depict document windows. Figure 2B depicts the document

25   window after changes are made to the appearance of document window of Figure 2A. In particular, close box, zoom box, size box, and scroll bars are shown to be changed. See paragraphs 0008, 0018 and 0019 of Craycroft.

FIG. 2C, 2D and 2E represents the same desktop shown in three corresponding

30   themes, characterized by the different backgrounds, size of text of icons, window appearance, etc. See paragraph 0038 of Craycroft. Each of the three views contains controls for specifying the manner (size, kind, label, etc.) in which icons (possibly

representing files) are to be displayed in either list view or icon view.

FIG. 3 illustrates a functional overview of a system for customizing a user interface according to Craycroft. FIGS. 4-15 illustrate how different types of
5   customized user interfaces can be provided in a consistent and switchable manner.

VII.A.2 Brief Introduction to Novak

Novak relates to creating and rendering skins. As described below in further detail, each skin provides a corresponding display of a user interface, for the same
10 software application.

FIG. 1 shows a few exemplary skins, generally at 10 and 12 that are associated with a software application that provides functionality associated with an equalizer such as one would find on a stereo player. It is noted that the look of the skins is different, but
15 their layout and functionality is the same (paragraphs 0004 and 0005 of Novak). FIG. 2 is a block diagram of a computer system in which various operations of Novak are described.

FIG. 3 depicts the file types (skin definition files, art files, script files) that define
20 a skin. FIG. 4 illustrates how the different file types may be organized as a skin.

FIG.s 5-8 illustrates the manner in which a skin can be constructed/changed. In particular, FIG. 5 depicts an art file with two buttons, FIG. 6 illustrates portions of FIG. 5, which are clickable, FIG. 7 illustrates alternate images to be displayed when mouse
25 hovers over the two buttons, and FIG. 8 depicts the manner in which the skin is rendered in normal situation and mouse-hovering situation.

FIG. 9 illustrates broadly how a skin is rendered, while FIG. 10 depicts the content of an XML file representing the skin illustrated in FIG.s 5-8.
30

FIG. 11 depicts an exemplary computer architecture for processing skin definitions and thereby rendering skins, while FIG.s 12 and 13 represent corresponding

methods for processing and rendering skins respectively.

FIG. 14 illustrates a skin in which subviews are employed. Subviews 1402/1404/1406 represent subsections of a skin that can be moved or hidden (paragraph 0158 of Novak). FIG.s 15-17 together illustrates the manner in which subviews are defined and processed.

FIG.s 18-25 illustrates the manner in which the properties of different skin elements are synchronized. In particular, FIG.s 18-22 illustrates the manner in which property synchronization is specified in different embodiments. For example, in each of FIG.s 18 and 19, the position of a volume slider rendered as a part of a skin can be synchronized with the volume property of the application (music player). Another example is illustrated in each of FIGS. 20-22, wherein a play button is enabled or disabled based on whether a song is being played by the music player. See paragraphs 0182, 0185 and 0189 of Novak, in particular.

VII.A.3 Brief Introduction to Stucka

Stucka relates to dynamic sharing of user interfaces and portions of user interfaces among different applications.

FIG. 1 is a block diagram showing the interaction of X Windows applications with the X Windows Server in a prior approach. X server 60 is responsible for all input and output devices. The server creates and manages all windows on the screen, produces text and graphics, and handles input devices such as the keyboard and mouse. See Col. 20 lines 20-33 of Stucka. FIG. 2 is a block diagram illustrating the details of a preferred embodiment.

FIG. 3 depicts how dynamic sharing of the user interfaces can be implemented in a generic windows system. In particular, the UI server 48 enables such sharing based on display object store (DOS) 46. FIG. 4 depicts similar implementation for X-windows, while FIG. 5 depicts an implementation for DOS 46.

FIG.s 6A-6I illustrates the request/response between the applications and the UI server. In particular, FIG. 6A indicates how control is transferred to various flowcharts of FIG.s 6B-6I for different events. For example, control is shown being transferred to FIG. 6B when a load command is received from an application, to FIG. 6H in case of events from window management system (WMS) 58, etc. FIG.s 6B-6I depicts the manner in which the corresponding commands/events are processed, in particular, the actions performed in the UI server 58.

FIG.s 7A-7C illustrate how the commands of FIG. 6A are issued by an application to load and use shared interfaces provided in DOS 46.

FIG. 10 depicts a new interface (pulldown for File option) attached to the interface of one of the applications based on the implementation described with respect to FIG.s 8A-9C. The new interface is provided due to the definitions stored in DOS 46 as shown in FIG. 9B. FIG. 10 further depicts a same interface (file/edit/view/options menu) being displayed for both applications A and B. The definitions of 'same interface' is shown in FIG. 8B.

VII.B. Rejection of independent claim 1

VII.B.1. None of the Reference Teaches or reasonably suggests the combination of claimed features

Reasonable construction of independent claim 1 includes the below noted features:

(F1) the user be provided the ability to specify different experience profiles in relation to different electronic files in **the same digital processing system**;

(F2) entries indicating the association of different electronic files with corresponding experience profiles **be stored in a memory**;

(F3) requests to **open the two electronic files** be received **after the entries are stored in the memory**;

(F4) the files be opened in response to the open requests and **the experience for the respective files be controlled according to the entries** stored in the memory;

(F5) access **to content** of both the files be provided using the **same application**;

(F6) access to **a substantial portion** of the data stored in each file be provided; and

(F7) the **experience profiles be external** to the electronic files.

First, a broad level, it is noted that Craycroft would not have such a combination of features since any change to theme (that could affect display of a content of a file) would affect the display of ALL files thereafter.

With respect to Novak, assuming that playing a song (and/or a playlist) entails opening a file, a skin change there would affect all songs played thereafter, and therefore Novak would have the same deficiency as Craycroft.

The Examiner instead states:

> ... Said artisan would have been motivated to combine Novak into Craycroft to create a **different look** for **various applications** and user interfaces (i.e. see [0003] et seq. of Novak). (Page 3, lines 14-16 of the Final Office Action dated 12/10/2008)

Such an attempt to combine would be in violation of feature F5 noted above (requiring different experiences be provided for different by the **same application**).

Stucka does not cure the deficiencies noted above. As a threshold matter, it is noted that Stucka contemplates changes only to 'user interfaces', but does not affect the display of the content of (or data stored in) a file.

More importantly, while Stucka relates generally to sharing user interface displays (program code for different portions of user interfaces) among multiple application programs, a change of user interface **would affect access to all files** and thus the combination of F3 and F4 would be contradicted. Stucka simply does not provide for associating different sub-hierarchies of interfaces for different files, rather the sub-hierarchies are determined by the specific desired function **for the entire application** (and would thereby apply to all files, even assuming arguendo that the concepts of Stucka are applicable to accessing files).

Furthermore, feature F1 requires that 'users' be provided the ability to specify different experience profiles. In sharp contrast, Stucka contemplates developers of the applications to control the specific interfaces to be provided for an application (see abstract of Stucka). The claimed users cannot reasonably be equated to the developers of Stucka.

Even if such an analogy is permissible, feature F4 would be violated since the interfaces of Stucka are not changed (in particular the attachment of interface demonstrated with respect to Figure 10 of Stucka) in response to users opening different files, but rather happen when user interfaces are displayed/operated.

The Honorable Board's attention is also directed to features F2 and F3 noted above, requiring that the open requests for the two electronic files be **received only after entries** (indicating the two associations) are stored in the memory. Since none of the three references associates a change in user interface to an individual file, such a combination of features would clearly be absent.

While the conceptual differences are noted above, some of the more particular differences (the Examiner appears to misconstrue or erroneously compare) are noted below.

For example, "font" and "Icon" (page 3, lines 4-5 of the Final Office Action dated 12/10/2008) of Craycroft cannot clearly be equated with the claimed data, to which access is provided since these are **not stored** within the electronic files accessed.

Furthermore, the details in the listview of Figure 2C of Craycroft do not constitute content/ data stored in the electronic files. The features size/ kind/ label/ date/ version/ comments, are also at best information **about the** data stored (content) in the electronic files. While the Patent Office is entitled to a broad interpretation, that breadth is required **to be reasonable in view of the specification**. A skilled practitioner in possession of applicants' disclosure (e.g., reference to music in paragraph 0004 and reference to Word

Processor and Music players in paragraph 0053) would interpret the data in the electronic files to mean the content of the files and not information about the content.

Even if the features in the list view of Craycroft constitutes data stored in an electronic file, it is respectfully noted that the related data would **not be substantial**, thereby not teaching or reasonably suggesting feature F6 noted above.

VII.B.2.   Benefits of the present invention do not reasonably follow from the combined teachings of the references

As noted in the response under 37 CFR § 1.116 dated 02/10/2009, claim 1 has **the advantage** of providing an end user (distinguished from developers) with **different desired experiences** associated with accessing substantial portion of different electronic files using the same application (**after associating** the experience profiles). This is a **new** benefit that is neither taught nor reasonably suggested by the art of record.

MPEP § 707.07 (f) requires the Examiner to consider the benefit while determining patentability over the art of record. The Examiner has not addressed this point in the Advisory Action dated 03/05/2009. The outstanding rejection is prima facie defective for this reason as well.

VII.B.3. Examiner Misconstrues the References

The Examiner misconstrues the references in several aspects. For example, it was stated:

A) Whether the combination of Craycroft, Slovak, Stucka teaches a first request to open said first electronic file and a second request open said second electronic file, wherein both of said first and request and said second request are received after said storing of the first entry and said second entry said memory.
A) Stucks [sic] teaches this limitation because it allows users to save **multiple separate UIS application interface entry in the memory,** (see Stucka, fig. 2, items 50, 52, 53, 54) which users can load up for later use. (see Stucka, 17, lines 50-65)
B) Whether the combination of Craycroft, Novak, and Struck [sic] teach associating different profile with different files?

B) Struck teaches this limitation because user can difference user profile interface with **different application file**, (see Struck, col. 8, lines 25-col. 9, lines 25). (Lines 1-9 in the continuation sheet of the Advisory Action dated 03/05/2009)

With respect to A), it is noted that the UIS interfaces of Stucka are associated with corresponding applications A, B, Z. See Figure 2 of Stucka, clearly showing each UIS interface associated with the corresponding Application. Again, there is no disclosure or reasonable suggestion in Stucka that UI entries are associated with individual files, whose content is provided to the user.

With respect to B), it is pointed out the content of application files are executed and not provided to the user. Thus, under the required reasonable construction, equating the claimed electronic files with the application files would be impermissible.

VII.B.4. The Environments of the references are fundamentally different

It is respectfully pointed out that Stucka relates to the 'development phase' of the application, while Novak and Craycroft relate to the post-deployment use by end-users. It is accordingly submitted that the subject matters of Stucka and the remaining references relied by the Examiner, are directed to different problems/areas to the extent that one skilled in the relevant arts would not have been motivated to combine the references as alleged by the Examiner.

Furthermore, Craycroft relates to switching themes in Graphical user interfaces for desktop environments, while Novak relates to creating skins for software applications such as music players. These technology areas are fundamentally different.

At least for such reasons, the Examiner is engaging in impermissible hindsight in attempting to combine the three references in a way to render obvious the present invention.

Also, it is well established that one cannot use hindsight reconstruction to pick and choose among isolated disclosures in the prior art to deprecate the claimed invention.

The Examiner does precisely what is proscribed in continuing to maintain the rejection over the art of record.

VII.B.5. The Embodiments of the references Will Not Work Together

5   As noted above, the environments of the three references are in fundamentally different technology areas and thus they do not naturally work together. Accordingly, a combined operation of the references would require substantial reengineering to the extent that one skilled in the relevant arts would not have attempted to combine the teachings of the references, without the benefit of the disclosure of the subject

10   application.

VII.C. Rejection of independent claim 10

Claim 10 is independently allowable over the art of record in reciting that an input to open a first electronic file causes the file to be opened for editing by a word processing

15   application, as well as a song to be played, due to prior user specification of playing of the song as an experience attribute associated with the first electronic file.

In other words, a **single open action** is required to cause the opening of the file for editing as well as playing the song.

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It is believed that the Examiner equates the song list of Figure 14 of Novak with the claimed first electronic file. Such a comparison fails to read on the claimed features of claim 10, as explained below.

25   With respect to song list, Novak discloses:

> [0161] Subviews 1404 and 1406 are designed to look like speakers and are user engagable to reveal hidden controls and a playlist, respectively. *Specifically, by engaging a button 1412, a user can expand or "pull out" a*
30   *drawer that contains,* in the case of subview 1404 various controls, and in the case of *subview 1406 a playlist*.
> [0162] When *a user clicks on button 1412*, the layout manager 1106 (FIG. 11) is responsible for redrawing the subview. Without the subviews, to provide the same
35   functionality, the layout manager would have to redraw each individual control button and determine where it is to be drawn relative to any other control buttons. The layout

manager might have to be this many many times in order to smoothly transition from the top view of skin 1400 to the bottom view of skin 1400. With subviews, however, the layout manager simply redraws the subview or the container in which all of the control buttons appear.
(Relevant Paragraphs of Novak, *Emphasis Added*)

With respect to playing songs, Novak discloses:

[0075] Buttons
[0076] *Buttons are a popular part of a skin and can be used to trigger actions such as play*, stop, quit, minimize, and switch to different view. The Windows Media Player provides the skin creator with two types of button elements: the BUTTON element and the BUTTONGROUP element. In addition, there can be several predefined types of buttons.
(Relevant Paragraphs of Novak, *Emphasis Added*)

From the above emphasized portions, Novak discloses that a button is used for playing a song and button 1412 is engaged to pull out subview 1406 of playlist.

Therefore, even assuming arguendo that the play list of Novak is akin to the claimed first electronic file, it is noted that **separate actions/buttons are required** to play a song and to view the play list in Novak.

At least for such a reason, claim 10 is allowable over the art of record.

VII.D. Rejection of independent claim 14

Independent claim 14 differs from claim 1 in not reciting feature F2 noted above. It is therefore grouped with claim 1 for purpose of this examination.

VII.E. Rejection of independent claim 29

Independent claim 29 recites two situations - (1) when an experience profile is specified associated with an electronic file; and (2) when there is no such association. When there is no association, the default value for an attribute is overridden only by any value within the electronic file.

On the other hand, when the claimed association is present, the default value is overridden by a value in the experience profile, which is turn is overridden by any value for the same attribute in the electronic file.

5   The references of record, either individually or in combination, do not teach or reasonably suggest **such a sequence of overriding**. In particular, none of the references (including Stucka) associate experience profiles with individual files. Therefore, the behaviors of the respective environments would not be different for one file having an associated experience profile and another file not having such an association.

10

The Examiner relies on portions of Stucka in teaching the features of claim 29. Even assuming arguendo that the attachment of Stucka (shown in FIG. 9A there) can be reasonably analogized to the claimed value in the experience profile (since the attachment "overrides" a default interface of FIG. 8A there), it is respectfully noted that

15   such overriding affects ALL electronic files opened thereafter with the application.

At least for such reasons, claim 29 is allowable over the art of record.

VII.F. Rejection of dependent claim 30

20   In accordance with claim 30, in view of the base claim 29, the sequence of overriding defining the value for an attribute is the operating system default, application default, value in the experience profile, and value internal to the electronic file. In other words, the claimed experience profile (provided associated with an electronic file) falls in the **third position (i.e., between application defaults and internal values)** in the

25   claimed sequence of overriding.

The art of record clearly does not teach or reasonably suggest such a overriding sequence for determining the value of an experience attribute.

30   It may be observed that the themes of Craycroft may be reasonably analogized to operating system defaults, while the skins of Novak and the attachments of Stucka may be reasonably analogized to the application defaults. None of these references address

the experience attributes being specified in a profile associated to the electronic file, whose content is sought to be accessed.

VII.G. Rejection of other dependent claims

5   Claims 2-4, 6-9 and 27 depend from independent claim 1; claims 12-13 depend from independent claim 10; and claims 15-22 depend from independent claim 14. The dependent claims are allowable at least for the reasons noted above with respect to the corresponding base independent claims.

10

Conclusion

The reversal of the Examiner's rejections of claims 1-4, 6-10, 12-22, 27, 29 and 30 is respectfully requested. The Office is invited to telephone the undersigned representative at 707.356.4172 if it is believed that an interview might be useful for any

15   reason.

Respectfully submitted,
/Narendra Reddy Thappeta/
Signature
Date: June 10, 2009   Printed Name: Narendra Reddy Thappeta
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VIII. CLAIMS

Claim 1 (Previously Presented): A method implemented in a digital processing system to enable a user to have a custom desired experience while accessing electronic files using an application, each electronic file storing content in the form of corresponding data, said method being performed in said digital processing system, said method comprising:

providing said user the ability to specify a first experience profile associated with a first electronic file and a second experience profile associated with a second electronic file, said first experience profile being provided external to said first electronic file and said second experience profile being provided external to said second electronic file, said first experience profile containing a first set of values for a first set of experience attributes and said second experience profile containing a second set of values for a second set of experience attributes;

storing a first entry indicating that said first experience profile is associated with said first electronic file and a second entry indicating that said second experience profile is associated with said second electronic file, both of said first entry and said second entry being stored in a memory, said first entry being stored in response to said user specifying that said first experience profile is associated with said first electronic file and said second entry being stored in response to said user specifying that said second experience profile is associated with said second electronic file;

receiving a first request to open said first electronic file and a second request to open said second electronic file, wherein both of said first request and said second request are received after said storing of said first entry and said second entry in said memory;

controlling said first set of experience attributes according to said first set of values based on said first entry in said memory while providing access to a substantial portion of the data stored in said first electronic file using said application in response to said first request; and

controlling said second set of experience attributes according to said second set of values based on said second entry in said memory while providing access to a substantial portion of the data stored in said second electronic file using said application in response to said second request.

Claim 2 (Previously Presented): The method of claim 1, further comprising:

providing said user the ability to specify said first experience profile associated with a third electronic file; and

5   controlling said first set of experience attributes according to said first set of values while providing access to the data stored in said third electronic file.

Claim 3 (Previously Presented): The method of claim 2, further comprising setting said first set of experience attributes to respective ones of said first set of values as

10   specified in said first experience profile to change the experience while accessing the respective data stored in each of said first electronic file and said third electronic file, but not while accessing the data stored in said second electronic file.

Claim 4 (Original): The method of claim 3, wherein said first set of values is not

15   the same as said second set of values and wherein said first set of experience attributes is not the same as said second set of experience attributes.

Claim 6 (Previously Presented): The method of claim 1, wherein said first set of experience attributes comprises a shape of a cursor.

20   Claim 7 (Previously Presented): The method of claim 1, wherein said first electronic file comprises a document which can be edited using said application and wherein said first set of experience attributes indicates a music file to be played, said controlling said first set of experience attributes comprising playing music represented by said music file using another application while enabling editing of said document

25   using said application,

wherein said document is opened for said editing and also said music file is played in response to receiving said first open request.

Claim 8 (Previously Presented): The method of claim 1, wherein said application

30   is executed on said digital processing system supported by an operating system, wherein said application and said operating system on said digital processing system respectively support an application default and an operating system default,

wherein said operating system default, said application default and said first experience profile respectively specifies a first value, a second value and a third value for a first attribute, and wherein said first electronic file does not internally contain a value for said first attribute,

5   wherein said first attribute is contained in said first set of attributes and said third value is contained in said first set of values,

wherein said controlling controls said first attribute according to said third value while providing access to the data stored in said first electronic file using said application,

10   wherein said operating system default and said application default respectively specifies a fourth value and a fifth value for a second attribute, and neither said first experience profile nor said first electronic file specifies a value for said second attribute,

wherein said second attribute is contained in said first set of attributes,

wherein said controlling controls said second attribute according to said fifth
15 value while providing access to the data stored in said first electronic file using said application,

wherein said operating system default specifies a sixth value for a third attribute, and none of said first experience profile, said first electronic file and said application default specifies a corresponding value for said third attribute,

20   wherein said third attribute is contained in said first set of attributes,

wherein said controlling controls said third attribute according to said sixth value while providing access to the data stored in said first electronic file using said application,

wherein said operating system default, said application default, said first
25 experience profile and said first electronic file respectively specifies a seventh value, a eighth value, a ninth value and a tenth value for a fourth attribute,

wherein said controlling controls said fourth attribute according to said tenth value while providing access to the data stored in said first electronic file using said application,

30   whereby values provided in said operating system default, said application default, said first experience profile and said first electronic file are overridden in that order.

Claim 9 (Previously Presented): The method of claim 1, wherein said providing comprises:

displaying on a display unit a plurality of experience profiles available for

5   association with individual ones of specific electronic files as desired by said user, wherein said plurality of experience profiles comprising said first experience profile and said second experience profile; and

receiving a selection from said user based on the display on said display unit, wherein said selection indicates that said first experience profile is to be associated with

10   said first electronic file,

wherein said controlling provides access to the data stored in said first electronic file according to said first experience profile in response to receiving said selection.

Claim 10 (Previously Presented): A method of enabling a user to play desired

15   songs while editing the content of corresponding files, said method comprising:

enabling said user to specify an experience attribute associated with a first electronic file and a value for said experience attribute, wherein said experience attribute identifies another file containing data representing a song;

receiving an input to open said first electronic file;

20   opening said first electronic file using a word processing application to enable said user to edit a substantial portion of the data stored in said first electronic file in response to receiving said input; and

playing said song also in response to receiving said input, wherein said song is played also in response to said user specifying said experience attribute associated with

25   said electronic file while said user edits the data stored in said first electronic file using said word processing application.

Claim 11 (Canceled)

30   Claim 12 (Previously Presented): The method of claim 10, wherein said user can specify a second experience attribute associated with said first electronic file, wherein said second experience attribute controls a volume of said song during said playing.

Claim 13 (Previously Presented): The method of claim 12, wherein said experience attribute and said second experience attribute are specified in an experience profile associated with said first electronic file.

5

Claim 14 (Previously Presented): A computer readable medium storing one or more sequences of instructions causing a digital processing system to enable a user to have a custom desired experience while accessing electronic files using an application, each electronic file storing content in the form of corresponding data, wherein execution

10   of said one or more sequences of instructions by one or more processors contained in said digital processing system causes said digital processing system to perform the actions of:

providing said user the ability to specify a first experience profile associated with a first electronic file and a second experience profile associated with a second electronic

15   file, said first experience profile being provided external a first electronic file and said second experience profile being provided external to said second electronic file, said first experience profile containing a first set of values for a first set of experience attributes and said second experience profile containing a second set of values for a second set of experience attributes;

20   receiving a first request to open said first electronic file and a second request to open said second electronic file, wherein both of said first request and said second request are received after said user associates said first experience profile with said first electronic file and said second experience profile with said second electronic file;

controlling said first set of experience attributes according to said first set of

25   values while providing access to a substantial portion of the data stored in said first electronic file using said application in response to said first request; and

controlling said second set of experience attributes according to said second set of values while providing access to a substantial portion of the data stored in said second electronic file using said application in response to said second request.

30

Claim 15 (Previously Presented): The computer readable medium of claim 14, further comprising one or more instructions for:

providing said user the ability to specify said first experience profile associated with a third electronic file; and

controlling said first set of experience attributes according to said first set of values while providing access to the data stored in said third electronic file.

5

Claim 16 (Previously Presented): The computer readable medium of claim 15, further comprising one or more instructions for setting said first set of experience attributes to respective ones of said first set of values as specified in said first experience profile to change the experience while accessing the respective data stored in each of said

10   first electronic file and said third electronic file, but not while accessing the data stored in said second electronic file.

Claim 17 (Original): The computer readable medium of claim 16, wherein said first set of values is not the same as said second set of values and wherein said first set of

15   experience attributes is not the same as said second set of experience attributes.

Claim 18 (Previously Presented): The computer readable medium of claim 14, further comprising one or more instructions for:

storing an association information indicating that said first experience profile is

20   associated with said first electronic file and said second experience profile is associated with said second electronic file when said user provides said association information;

receiving an input to open said first electronic file after said storing of said association information;

examining said association information to determine that said first experience

25   profile is to be used by said application in providing access to the data stored in said first electronic file, wherein said examining is performed in response to said receiving; and

providing access to the data stored in said first electronic file while controlling said first set of experience attributes according to said first set of values.

30   Claim 19 (Previously Presented): The computer readable medium of claim 18, wherein said first set of experience attributes comprises a shape of a cursor.

Claim 20 (Previously Presented): The computer readable medium of claim 18, wherein said first electronic file comprises a document which can be edited using said application and wherein said first set of experience attributes indicates a music file to be played, said controlling said first set of experience attributes comprising playing music represented by said music file using another application while enabling editing of said document using said application.

Claim 21 (Previously Presented): The computer readable medium of claim 20, wherein said application is executed on said digital processing system supported by an operating system, wherein said application and said operating system respectively support an application default and an operating system default,

wherein said operating system default, said application default and said first experience profile respectively specifies a first value, a second value and a third value for a first attribute, and wherein said first electronic file does not internally contain a value for said first attribute,

wherein said first attribute is contained in said first set of attributes and said third value is contained in said first set of values,

wherein said controlling controls said first attribute according to said third value while providing access to the data stored in said first electronic file using said application,

wherein said operating system default and said application default respectively specifies a fourth value and a fifth value for a second attribute, and neither said first experience profile nor said first electronic file specifies a value for said second attribute,

wherein said second attribute is contained in said first set of attributes,

wherein said controlling controls said second attribute according to said fifth value while providing access to the data stored in said first electronic file using said application,

wherein said operating system default specifies a sixth value for a third attribute, and none of said first experience profile, said first electronic file and said application default specifies a corresponding value for said third attribute,

wherein said third attribute is contained in said first set of attributes,

wherein said controlling controls said third attribute according to said sixth value while providing access to the data stored in said first electronic file using said application,

wherein said operating system default, said application default, said first experience profile and said first electronic file respectively specifies a seventh value, a eighth value, a ninth value and a tenth value for a fourth attribute,

wherein said controlling controls said fourth attribute according to said tenth value while providing access to the data stored in said first electronic file using said application,

whereby values provided in said operating system default, said application default, said first experience profile and said first electronic file are overridden in that order

Claim 22 (Previously Presented): The computer readable medium of claim 14, wherein said providing comprises:

displaying on a display unit a plurality of experience profiles available for association with individual ones of specific electronic files as desired by said user, wherein said plurality of experience profiles comprising said first experience profile and said second experience profile; and

receiving a selection from said user based on the display on said display unit, wherein said selection indicates that said first experience profile is to be associated with said first electronic file,

wherein said controlling provides access to the data stored in said first electronic file according to said first experience profile in response to receiving said selection.

Claims 23 - 26 (Canceled)

Claim 27 (Previously Presented): The method of claim 1, wherein said memory is a non-volatile memory such that storing stores said association information in said non-volatile memory.

Claim 28 (Canceled)

Claim 29 (Previously Presented): A method of enabling a user to have a custom desired experience while accessing the respective content in the form of corresponding data stored in electronic files using an application, said method comprising:

5   enabling a user to specify a first experience profile associated with a first electronic file, wherein no experience profile is specified associated with a second electronic file;

receiving a first request to open said first electronic file using said application and a second request to open said second electronic file using said application after said user

10   associates said first experience profile with said first electronic file and no experience profile is specified associated with said second electronic file;

providing access to the data stored in said first electronic file in response to receiving said first request and to the data stored in said second electronic file in response to receiving said second request;

15   controlling a set of attributes according to a second set of values while providing access to the data stored in said second electronic file, wherein each of said second set of values for a corresponding attribute is formed from a default value overridden by a value internal to said second electronic file for the same attribute if present within said second electronic file,

20   wherein said default value is specified by at least one of said application and an operating system executing said application; and

controlling said set of attributes according to a first set of values while providing access to the data stored in said first electronic file, wherein each of said first set of values for a corresponding attribute is formed from said default value overridden by a

25   value specified in said first experience profile for the same attribute if present within said first experience profile, which is further overridden by another value internal to said first electronic file for the same attribute if present within said first electronic file.

Claim 30 (Previously Presented): The method of claim 29 wherein said default

30   value for an attribute is formed by any value specified by an operating system default specified by said operating system overridden by any value specified by an application default specified by said application for said attribute.

IX. EVIDENCE APPENDIX

None

X. RELATED PROCEEDINGS APPENDIX

None